

Ordering Information

Catalog No.	Finishes	Mountings	Lamps
8273B WH 8273B BK	Matte White Matte Black	All Power Jacks Note: Additional bushing required for wall mounting. (Part No. 58622)	MR16 Bi-Pin 50W Max.

Features

- Ring:** die-cast aluminum with cool grip insulation band, a high temperature silicone rubber which allows aiming adjustments while fixture is on.
- Socket:** bi-pin base ceramic socket, prewired with 18 ga. stranded Teflon® leads with fiberglass outer sleeve.
- Male Jack Connector:** mounted in 3/8" dia. stainless steel stem. Plugs into any 8600 Power Jack or Extender Stem. Allows for 360° horizontal rotation.
- Tension Pivot Mount:** die-cast aluminum. Allows for 180° vertical rotation.
- Lamp Guard:** tempered glass.
- Spring:** steel springs hold lamp and housing in place.
- Housing:** aluminum, fully encloses lamp back and socket. Vents dissipate lamp heat.

Finish

All painted finishes are powder coated baked enamel.

Options & Accessories

Accessory Holder	7662 Sof-Tech series; holds one accessory.
All 2" Color Filters	AF2 Series
Prismatic Spread Lens	AF2SY
Beam Elongator	AF2AS
UV Filter	AF2UV
Beam Smoother	AF2LF
Hexcell Louver	AL2HC

Electrical/Dimming

For dimming information refer to Power Jack specification sheets.

Labels

UL, Patent 5,149,282

Teflon® is a registered trademark of E.I. DuPont.

Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:

Lightolier a Genlyte Thomas Company
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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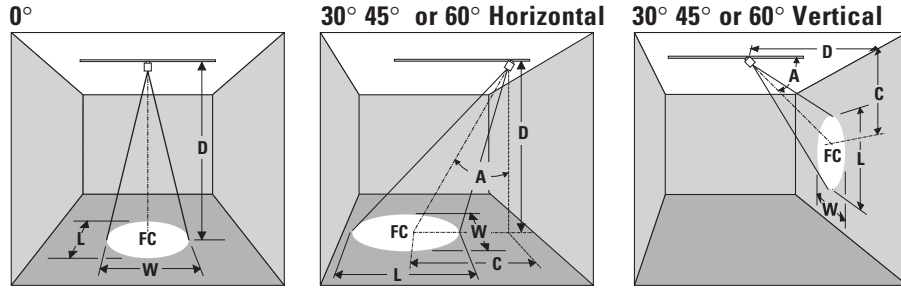
LIGHTOLIER



Lighting Data Aiming Angle:

L Beam length
W Beam width
C Distance to center of beam
D Distance
A Aiming angle
FC Footcandles

L and **W** are the outer points where the candlepower drops to 50% of the maximum. **FC** are the initial footcandles at the center of the beam.



LAMP

Beam Spread 50% Max CP	Beam Center C.P. Candelas	Rated Life-Hrs
20W MR16 (T-H) VNSP (EZX) 7°	8200	3000
20W MR16 (T-H) NSP (ESX) 13°	3600	3000
20W MR16 (T-H) FL (BAB) 40°	525	4000
35W MR16 (T-H) NSP (FRB) 12°	8700	4000
35W MR16 (T-H) SP (FRA) 20°	3900	4000
35W MR16 (T-H) FL (FMW) 40°	1600	4000
42W MR16 (T-H) VNSP (EZY) 9°	13100	3500
42W MR16 (T-H) NFL (EYS) 27°	2400	4000
50W MR16 (T-H) NSP (EXT) 14°	10200	4000
50W MR16 (T-H) NFL (EXZ) 27°	3400	4000
50W MR16 (T-H) FL (EXN) 40°	1850	4000
50W MR16 (T-H) WFL (FNV) 55°	1150	4000

0° AIMING ANGLE

D	FC	L	W
7'	167	0.9'	0.9'
10'	82	1.2'	1.2'
13'	49	1.6'	1.6'
16'	32	2.0'	2.0'
6'	100	1.4'	1.4'
8'	56	1.8'	1.8'
10'	36	2.3'	2.3'
12'	25	2.7'	2.7'
2'	131	1.5'	1.5'
3'	58	2.2'	2.2'
4'	33	2.9'	2.9'
5'	21	3.6'	3.6'
7'	178	1.5'	1.5'
10'	87	2.1'	2.1'
13'	51	2.7'	2.7'
16'	34	3.4'	3.4'
6'	108	2.1'	2.1'
8'	61	2.8'	2.8'
10'	39	3.5'	3.5'
12'	27	4.2'	4.2'
4'	100	2.9'	2.9'
6'	44	4.4'	4.4'
8'	25	5.8'	5.8'
8'	205	1.3'	1.3'
12'	91	1.9'	1.9'
16'	51	2.5'	2.5'
4'	150	1.9'	1.9'
6'	67	2.9'	2.9'
8'	38	3.8'	3.8'
8'	159	2.0'	2.0'
12'	71	2.9'	2.9'
16'	40	3.8'	3.9'
6'	94	2.9'	2.9'
8'	53	3.8'	3.8'
10'	34	4.8'	4.8'
4'	116	2.9'	2.9'
6'	51	4.4'	4.4'
8'	29	5.8'	5.8'
3'	128	3.1'	3.1'
5'	46	5.2'	5.2'
7'	23	7.3'	7.3'

A=30° AIMING ANGLE

D	C	FC	L	W
6'	3.5'	148	1.0'	0.8'
9'	5.2'	68	1.5'	1.3'
12'	6.9'	37	2.0'	1.7'
15'	8.7'	24	2.4'	2.1'
5'	2.9'	94	1.5'	1.3'
7'	4.0'	48	2.1'	1.8'
9'	5.2'	29	2.7'	2.4'
11'	6.4'	19	3.4'	2.9'
2'	1.2'	85	2.0'	1.7'
3'	1.7'	38	3.0'	2.5'
4'	2.3'	21	4.1'	3.4'
5'	2.9'	14	5.1'	4.2'
6'	3.5'	157	1.7'	1.5'
9'	5.2'	70	2.5'	2.2'
12'	6.9'	39	3.4'	2.9'
15'	8.7'	25	4.2'	3.6'
5'	2.9'	101	2.4'	2.0'
7'	4.0'	52	3.3'	2.9'
9'	5.2'	31	4.3'	3.7'
11'	6.4'	21	5.2'	4.5'
10'	16	7.3'	7.3'	
3'	1.7'	115	3.0'	2.5'
5'	2.9'	42	5.1'	4.2'
7'	4.0'	21	7.1'	5.9'
20'	33	3.1'	3.1'	
7'	4.0'	174	1.5'	1.3'
10'	5.8'	85	2.1'	1.8'
13'	7.5'	50	2.7'	2.4'
10'	24	4.8'	4.8'	
3'	1.7'	173	2.0'	1.7'
5'	2.9'	62	3.3'	2.8'
7'	4.0'	32	4.6'	3.9'
20'	26	4.9'	4.9'	
7'	4.0'	135	2.3'	2.0'
10'	5.8'	66	3.3'	2.8'
13'	7.5'	39	4.3'	3.7'
12'	24	5.8'	5.8'	
5'	2.9'	88	3.3'	2.8'
7'	4.0'	45	4.6'	3.9'
9'	5.2'	27	5.9'	5.0'
10'	19	7.3'	7.3'	
3'	1.7'	134	3.0'	2.5'
5'	2.9'	48	5.1'	4.2'
7'	4.0'	25	7.1'	5.9'
9'	14	9.4'	9.4'	
3'	1.7'	83	4.6'	3.6'
5'	2.9'	30	7.8'	6.0'
7'	4.0'	15	10.7'	8.4'

A=45° AIMING ANGLE

D	C	FC	L	W
4'	4.0'	181	1.0'	0.7'
6'	6.0'	81	1.5'	1.0'
8'	8.0'	45	2.0'	1.4'
10'	10.0'	29	2.5'	1.7'
3'	3.0'	141	1.4'	1.0'
5'	5.0'	51	2.3'	1.6'
7'	7.0'	26	3.2'	2.3'
9'	9.0'	16	4.2'	2.9'
2'	2.0'	46	3.4'	2.1'
3'	3.0'	21	5.0'	3.1'
4'	4.0'	12	6.7'	4.1'
5'	5.0'	7	8.4'	5.1'
4'	4.0'	192	1.7'	1.2'
6'	6.0'	85	2.6'	1.8'
8'	8.0'	48	3.4'	2.4'
10'	10.0'	31	4.3'	3.0'
3'	3.0'	153	2.2'	1.5'
5'	5.0'	55	3.6'	2.5'
7'	7.0'	28	5.1'	3.5'
9'	9.0'	17	6.6'	4.5'
9'	5.2'	13	9.1'	7.6'
3'	3.0'	63	5.0'	3.1'
4'	4.0'	35	6.7'	4.1'
5'	5.0'	23	8.4'	5.1'
16'	9.2'	33	3.4'	2.9'
5'	5.0'	185	1.6'	1.1'
7'	7.0'	95	2.2'	1.6'
9'	9.0'	57	2.9'	2.0'
9'	5.2'	19	5.9'	5.0'
3'	3.0'	94	3.1'	2.0'
4'	4.0'	53	4.1'	2.7'
5'	5.0'	34	5.1'	3.4'
15'	9.2'	28	5.3'	4.5'
5'	5.0'	144	2.5'	1.7'
7'	7.0'	74	3.5'	2.4'
9'	9.0'	45	4.5'	3.1'
11'	6.4'	18	7.2'	6.1'
3'	3.0'	134	3.1'	2.0'
5'	5.0'	48	5.1'	3.4'
7'	7.0'	25	7.1'	4.8'
9'	5.2'	15	9.1'	7.6'
3'	3.0'	73	5.0'	3.1'
4'	4.0'	41	6.7'	4.1'
5'	5.0'	26	8.4'	5.1'
9'	5.2'	9	13.7'	10.8'
2'	2.0'	102	5.7'	2.9'
3'	3.0'	45	8.6'	4.4'
4'	4.0'	25	11.4'	5.8'

A=60° AIMING ANGLE

D	C	FC	L	W
2'	3.5'	256	1.0'	0.5'
3'	5.2'	114	1.5'	0.7'
4'	6.9'	64	2.0'	1.0'
5'	8.7'	41	2.5'	1.2'
2'	3.5'	113	1.9'	0.9'
3'	5.2'	50	2.8'	1.4'
4'	6.9'	28	3.8'	1.8'
5'	8.7'	18	4.7'	2.3'
1'	1.7'	66	4.8'	1.5'
2'	3.5	16	8.7'	2.9'
3'	5.2'	7	14.5'	4.4'
4'	6.9'	4	19.3'	5.8'
2'	3.5'	272	1.7'	0.8'
3'	5.2'	121	2.6'	1.3'
4'	6.9'	68	3.5'	1.7'
5'	8.7'	44	4.3'	2.1'
2'	3.5'	122	3.1'	1.4'
3'	5.2'	54	4.7'	2.1'
4'	6.9'	30	6.2'	2.8'
5'	8.7'	20	7.8'	3.5'
6'	6.0'	16	10.1'	6.2'
1'	1.7'	200	4.8'	1.5'
2'	3.5	50	9.7'	2.9'
3'	5.2'	22	14.5'	4.4'
4'	6.9'	13	19.3'	5.8'
11'	11.0'	38	3.5'	2.4'
3'	5.2'	182	1.9'	0.9'
4'	6.9'	102	2.6'	1.3'
5'	8.7'	66	3.2'	1.6'
6'	10.4'	45	3.8'	1.9'
6'	6.0'	24	6.1'	4.1'
1'	1.7'	300	2.3'	1.0'
2'	3.5	75	4.6'	1.9'
3'	5.2'	33	7.0'	2.9'
4'	6.9'	19	9.3'	3.8'
11'	11.0'	30	5.5'	3.8'
3'	5.2'	142	3.1'	1.5'
4'	6.9'	80	4.1'	2.0'
5'	8.7'	51	5.1'	2.5'
6'	10.4'	35	6.2'	2.9'
9'	9.0'	15	9.2'	6.1'
2'	3.5'	106	4.6'	1.9'
3'	5.2'	47	7.0'	2.9'
4'	6.9'	27	9.3'	3.8'
5'	8.7'	17	11.6'	4.8'
6'	6.0'	18	10.1'	6.2'
1'	1.7'	231	4.8'	1.5'
2'	3.5	59	9.7'	2.9'
3'	5.2'	26	14.5'	4.4'
4'	6.9'	14	19.3'	5.8'
5'	5.0'	15	14.3'	7.4'
1'	1.7'	144	22.3'	2.1'
2'	3.5	36	44.5'	4.2'
3'	5.2'	16	66.8'	6.2'
4'	6.9'	9	89.1'	8.3'

Job Information

Type:

Lightolier a Genlyte Thomas Company
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